

INTERNATIONAL SEARCH REPORT

International application No.
PCT/BR 03/00089-0

CLASSIFICATION OF SUBJECT MATTER

IPC⁷: C12N 1/19, C12N 1/21

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC⁷: C12N 1/19, C12N 1/21

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPI, CAS, Medline

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
y	BR 200001122 A (UNICAMP UNIV ESTADUAL CAMPINAS) 20 November 2001 (20.11.01) (abstract) WPI [online]. London, U.K.: Derwent Publications, Ltd. [retrieved on 30-09-2003]. DW 200206, AN: 2002-042004 [06] <i>abstract.</i>	1-187
Y	WO 99/60138 A2 (UNIVERSITY OF MANCHESTER) 25 November 1999 (25.11.99) <i>claims.</i>	1-187
Y	US 5866374 A (KOBAYASHI et al.) 2 February 1999 (02.02.99) 9 <i>abstract, claims.</i>	1-187
Y	US 5585271 A (WATARI et al.) 17 December 1996 (17.12.96) <i>column 1, line 49 - column 2, line 58; claims.</i>	1-187

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* Special categories of cited documents:

„A“ document defining the general state of the art which is not
considered to be of particular relevance„E“ earlier application or patent but published on or after the international
filing date„L“ document which may throw doubts on priority claim(s) or which is
cited to establish the publication date of another citation or other
special reason (as specified)„O“ document referring to an oral disclosure, use, exhibition or other
means„P“ document published prior to the international filing date but later than
the priority date claimed„T“ later document published after the international filing date or priority
date and not in conflict with the application but cited to understand
the principle or theory underlying the invention„X“ document of particular relevance; the claimed invention cannot be
considered novel or cannot be considered to involve an inventive step
when the document is taken alone„Y“ document of particular relevance; the claimed invention cannot be
considered to involve an inventive step when the document is
combined with one or more other such documents, such combination
being obvious to a person skilled in the art

„&“ document member of the same patent family

Date of the actual completion of the international search

30 September 2003 (30.09.2003)

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Authorized officer

MOSSER R.

Telephone No. 1/53424/437

INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.
PCT/BR 03/00089-0

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
BR	A	20000112		
		2	none	
US	A	5585271	none	
US	A	5866374	none	
WO	A	9960138	none	